



Robert Greene Steme Edward J. Kessler Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michele A. Cimbala Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee Steven R. Ludwig John M. Covert Linda E. Alcom Robert C. Millonig Donald J. Featherstone Timothy J. Shea, Jr Michael V. Messinger Judith U. Kim

Patrick E. Garrett Jeffrey T. Helvey Heidi L. Kraus Eldora L. Ellison Thomas C. Fiala Albert L. Ferro Donald R Banowit Peter A. Jackman Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Brian J. Del Buono Virgil Lee Beaston Theodore A. Wood Flizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Rae Lynn P. Guest George S. Bardmesser August 15, 2005

Janiel A. Klein
Jason D. Eisenberg
Michael D. Specht
Andrea J. Kamage
Tracy L. Muller
Jon E. Wright LuAnne M. DeSantis Ann E. Summerfield Aric W. Ledford Helene C. Carlson Cynthia M. Bouchez Timothy A. Doyle Gaby L. Longsworth Lori A. Gordon Nicole D. Dretar Ted J. Ebersole Laura A. Vogel Michael J. Mancuso Bryan S. Wade

Daniel A. Klein

Aaron L. Schwartz Michael G. Penn* Shannon A. Carroli* Wesley W. Jones* Matthew E. Kelley* Nicole R. Kramer Michelle K. Holoubek+ Marsha A. Rose+

Registered Patent Agents • Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Victoria S. Rutherford

Christopher J. Walsh Liliana Di Nola-Baron Peter A. Socarras Jeffrey Milis Of Counsel

Kenneth C. Bass III

Simon J. Elliott

Julie A. Heider Mita Mukheriee

Scott M. Woodho

Marvin C. Guthrie *Admitted only in Maryland Admitted only in Virginia Practice Limited to Federal Agencies

WRITER'S DIRECT NUMBER: (202) 772-8651 INTERNET ADDRESS: JWRIGHT@SKGF.COM

Group Art Unit 2682

Mail Stop: Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No.: 09/988,065; Filed: November 16, 2001

Method and Apparatus for Detection and Classification of

Impairments on an RF Modulated Network

Inventor:

Daniel H. HOWARD

Our Ref:

1875.1460001

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Amendment and Reply Under 37 C.F.R. § 1.111; and
- 2. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jon E. Wright

Attorney for Applicant Registration No. 50,720

TCF/JEW:ddc Enclosures

432685 1.DOC

Sterne, Kessler, Goldstein & Fox PLL.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com



In re application of:

Daniel H. HOWARD

Appl. No.: 09/988,065

Filed: November 16, 2001

For: Method and Apparatus for Detection and Classification of Impairments on an

RF Modulated Network

Confirmation No.: 7548

Art Unit: 2682

Examiner: Nguyen, Lee

Atty. Docket No.: 1875.1460001

Mail Stop: Amendment

Amendment and Reply Under 37 C.F.R. § 1.111

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated May 13, 2005, Applicant submits the following Amendment and Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.